105.1 - Clinical Laboratory Materials (gas, liquid, and solid forms)

The following SRMs are for calibrating apparatus and validating analytical methods used in clinical and pathology laboratories. Additional information on the serum materials is given in table 105.2.

For further information see: SP 260-36, SP 260-72 and SP 260-83

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Purity/Constituent (mass fraction in %)
900	Antiepilepsy Drug (4) Level	set (4)	
909b	Human Serum	(2x3 each conc)+(6 water)	
911c	Cholesterol	2 g	99.2
912a	Urea-Clinical	25 g	99.9
913a	Uric Acid	10 g	99.6
914a	Creatinine	10 g	99.7
915b	Calcium Carbonate (Clinical Standard)	20 g	$^{w}CaCo_3$ 99.907 ^{w}Ca 40.0104 $^{w}CO_3$ 59.923
916a	Bilirubin	100 mg	98.3
917c	D-Glucose (Dextrose)	50 g	99.7
918b	Potassium Chloride (Clinical)	30 g	^{w}KCl 99.927 ^{w}K 52.4121 ^{w}Cl 47.5284
919b	Sodium Chloride (Clinical)	30 g	$^{w}NaCl$ 99.835 $^{w}Cl^-$ 60.564 $^{w}Na^+$ 39.2747
920	D-Mannitol	50 g	99.8
921	Cortisol (Hydrocortisone)	1 g	98.9
*924a	Lithium Carbonate (Clinical)	30 g	99.867
925	VMA (Clinical)	1 g	99.4
927d	Bovine Serum Albumin (7%, solution)	set (10)	BSA Conc. 65.41 mg/L
928	Lead Nitrate (Clinical)	30 g	100.00
929a	Magnesium Gluconate	5 g	Mg Conc. 5.362
937	Iron Metal (Clinical)	50 g	99.90
955c	Lead in Caprine Blood	4 vials	

SRM>	Description	Unit of Issue	Purity/Constituent (mass fraction in %)
956c	Electrolytes in Frozen Human Serum	6 ampoules x 2.0mL each	
965b	Glucose in Frozen Human Serum	set (8) (2 each conc)	glucose (4 levels)
967a	Creatinine in Frozen Human Serum	set(4) (2 each conc)	creatinine (2 levels)

Values in parentheses are not certified and are given for information only.
* Conforms to National Committee for Clinical Laboratory Standards (NCCLS) specification ACC-1.

105.1 - Clinical Laboratory Materials (gas, liquid, and solid forms)

The following SRMs are for calibrating apparatus and validating analytical methods used in clinical and pathology laboratories. Additional information on the serum materials is given in table 105.2.

For further information see: SP 260-36, SP 260-72 and SP 260-83

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968d	Fat-Soluble Vitamins,Carotenoids and Cholesterol in Human Serum	set (2) (single conc)	
970	Ascorbic Acid in Frozen Human Serum	set (4) (2 each conc)	
971	Hormones in Frozen Human Serum	5 mL	cortisol, progesterone
972	Vitamin D in Human Serum	set (4) (1 each level)	25-hydroxyvitamin D_2 25-hydroxyvitamin D_3 3-epi-25-hydroxyvitamin D_3
998	Angiotensin I (Human)	0.5 mg	94.1
1400	Bone Ash	50 g	8 elements
1486	Bone Meal	50 g	8 elements
1595	Tripalmitin	2 g	99.5
1598a	Inorganic Constituents in Animal Serum	2 vials	
1599	2 Anticonvulsant Drugs	set (4)	
1951b	Lipids in Frozen Human Serum	set (4) (2 each conc)	
1952a	Cholesterol in Human Serum	set (6) (2 each conc)	
1955	Homocysteine and Folate in Frozen Human Serum	set (3) (1 each conc)	
2389	Amino Acids in 0.1 mol/L Hydrochloric Acid	5-2 mL	17 amino acids
2670a	Toxic Elements in Urine (Freeze-Dried)	set (4) (2 each conc)	
2921	Human Cardiac Troponin Complex	5x115 uL	
2972	25-Hydroxyvitamin D2 and D3 Calibration Solutions	10 ampoules x 1.2 mL each	25-hydroxyvitamin D2 25-hydroxyvitamin D3

SRM>	Description	Unit of Issue	Purity/Constituent (mass fraction in %)
8327	Peptide Reference Material for Molecular Mass and Purity Measurements	set 3 (1 mg each)	Amono Acid Residues Range 11-26 Strut Spacing (μ)

* Conforms to National Committee for Clinical Laboratory Standards (NCCLS) specifications ACC-1

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* Conforms to National Committee for Clinical Laboratory Standards (NCCLS) specification ACC-1.